Observations of the brightness temperature distribution of the quiet solar corona at decametric wavelengths.

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The brightness temperature distribution of the quiet solar corona at a wavelength of 8.9 Meters is measured with two types of radio telescopes: (1) A "T" type array with a resolution of 26'x38' and (2) A fan beam interferometer with an E-W resolution of 3'. It is found that the persistent bright regions do not have any angular structure on scales of 6' or less. The daily variations of the brightness temperature of different regions are studied and the possible interpretation is discussed.